

DMS 2082

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U.S. DEPARTMENT OF LABOR  
Occupational Safety and Health AdministrationForm Approved  
OMB No. 44-R1387CONFIDENTIAL  
PROPRIETARY FORMULA

## MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing, Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917) REC'D

1987

## SECTION I

MANUFACTURER'S NAME Products Research & Chemical Corp.		EMERGENCY TELEPHONE NO. (213) 849-3992
ADDRESS (Number, Street, City, State, and ZIP Code) 2919 Empire Ave., Burbank, Calif. 91504		
CHEMICAL NAME AND SYNONYMS Polysulfide sealing compound.		TRADE NAME AND SYNONYMS PR-1422 Class A
CHEMICAL FAMILY N/A	FORMULA N/A	

## SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST Calcium Dichromate	4	0.1mg/M	ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS Toluene	7	200ppm	FILLER METAL PLUS COATING OR CORE FLUX		
XXXXXXXXXX Methyl ethyl ketone	2	200ppm	OTHERS		
OTHERS Dimethyl formamide	2	10ppm			
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)

## SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	N/A	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	1.42
VAPOR PRESSURE (mm Hg.)	N/A	PERCENT VOLATILE BY VOLUME (%)	16.5%
VAPOR DENSITY (AIR=1)	N/A	EVAPORATION RATE (_____ = 1)	N/A
SOLUBILITY IN WATER	Insol.		
APPEARANCE AND ODOR Light brown syrup; toluene odor.			

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	23°F (PMCC)	FLAMMABLE LIMITS	Lel	Uel
			1	7
EXTINGUISHING MEDIA Dry chemical, foam, CO <sub>2</sub>				
SPECIAL FIRE FIGHTING PROCEDURES				
UNUSUAL FIRE AND EXPLOSION HAZARDS Can emit toxic vapors.				

## SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

200 ppm

EFFECTS OF OVEREXPOSURE

Headache; possible skin irritation.

EMERGENCY AND FIRST AID PROCEDURES

SKIN: Wash thoroughly with soap and water.

EYES: Wash out immediately with plenty of water; see a physician.

INHALATION: Remove to fresh air.

## SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

X

INCOMPATIBILITY (Materials to avoid)

Can react with reducing materials.

HAZARDOUS DECOMPOSITION PRODUCTS

Oxides of sulfur; hydrogen sulfide, formic acid.

HAZARDOUS  
POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

X

## SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Wipe up with rags or paper towels; clean with MEK.

WASTE DISPOSAL METHOD

Closed containers in normal trash route.

Do not incinerate.

## SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

Air-supplied respirator in enclosed area.

VENTILATION

LOCAL EXHAUST

SPECIAL

Adequate to minimize vapors.

MECHANICAL (General)

OTHER

PROTECTIVE GLOVES

Gloves or hand cream.

EYE PROTECTION

Chemical goggles optional.

OTHER PROTECTIVE EQUIPMENT

## SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep in closed containers in sheltered area.

Keep away from heat and open flame.

OTHER PRECAUTIONS

Avoid prolonged skin contact. Avoid prolonged or repeated breathing of vapor.